

FIG. 1

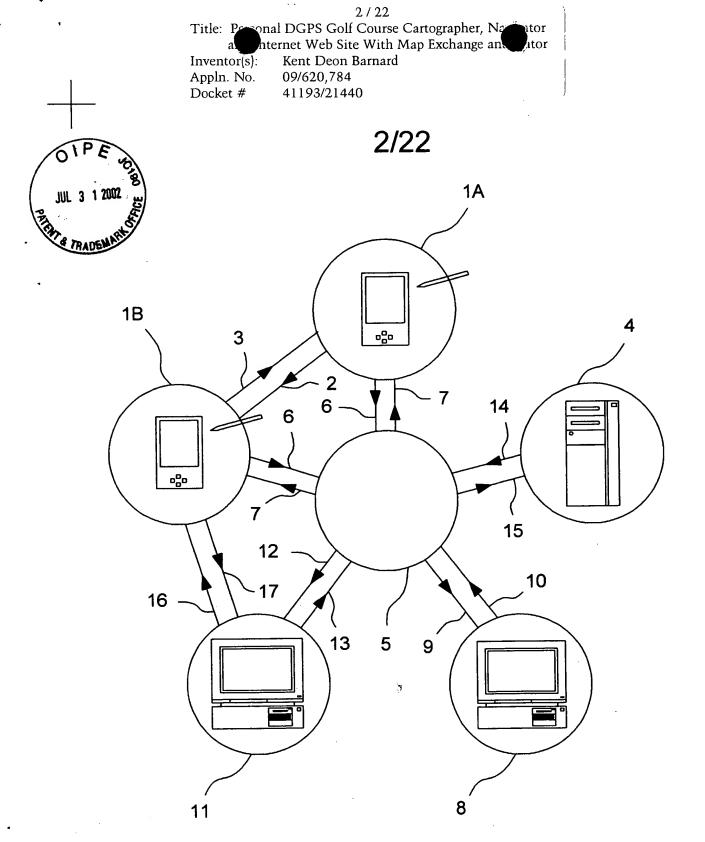
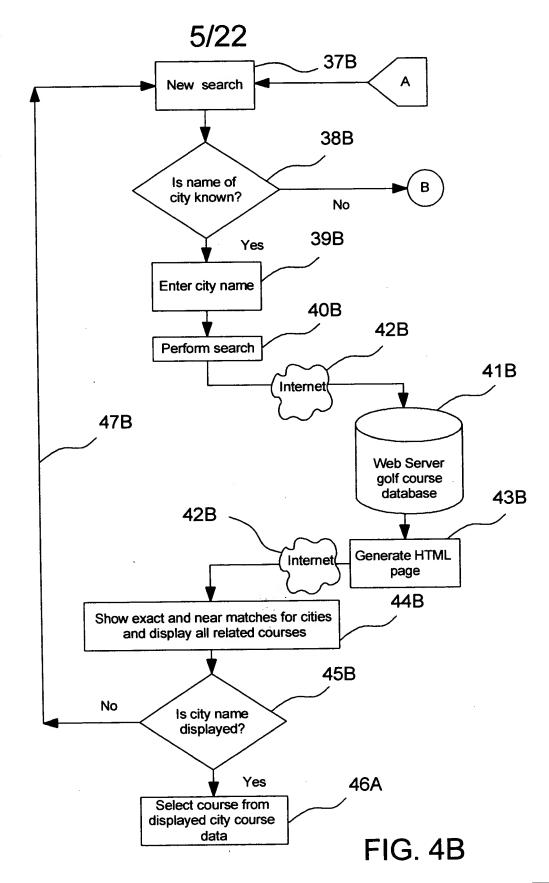


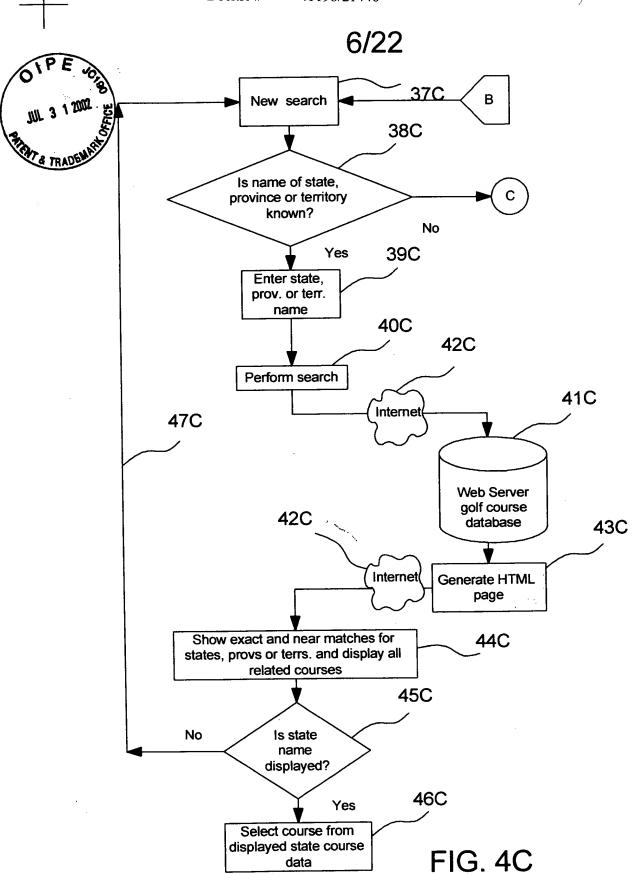
FIG. 2

Personal DGPS Golf Course Cartograp Navigator and Internet Web Site With Map Exchange and Tutor Inventor(s): Kent Deon Barnard

Appln. No. 09/620,784 Docket # 41193/21440







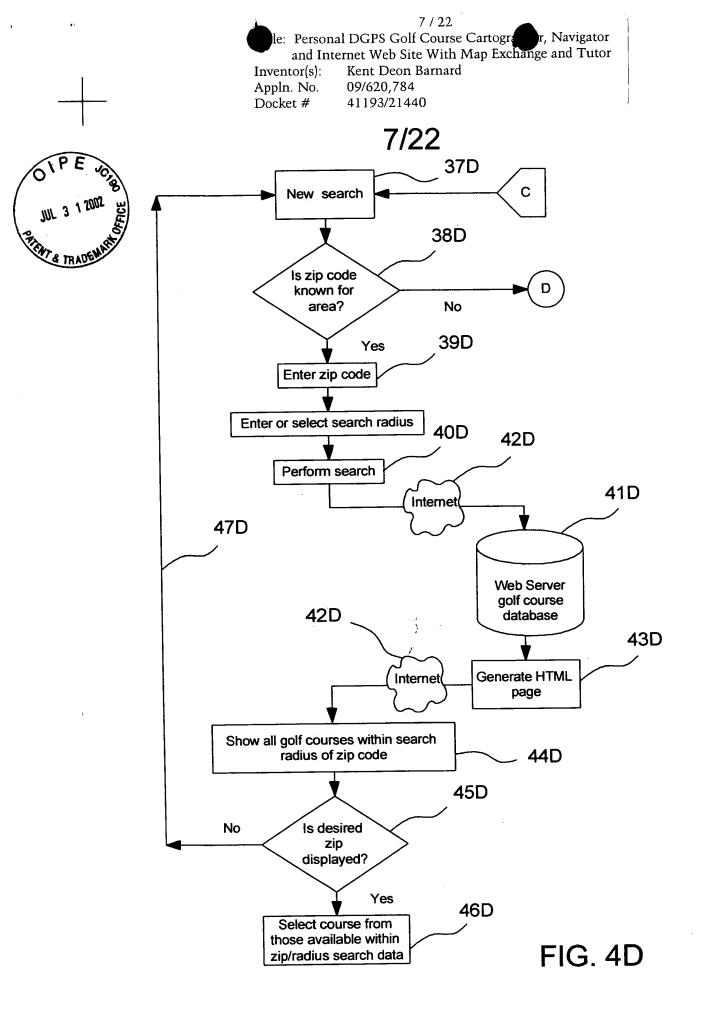


FIG. 4E

46E

Yes

Select course from those available within

city/radius search data

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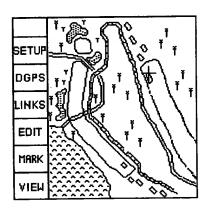


FIG. 5

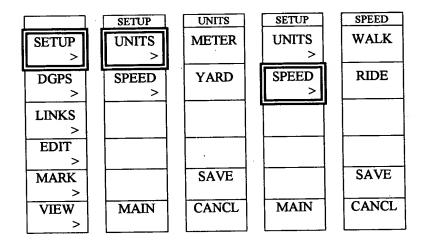


FIG. 6

Title: Pasonal DGPS Golf Course Cartographer, N Internet Web Site With Map Exchange a

Kent Deon Barnard Inventor(s):

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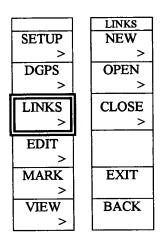


FIG. 7

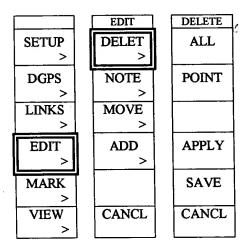


FIG. 8

Title Personal DGPS Golf Course Cartograph Navigator and ternet Web Site With Map Exchange and Lator

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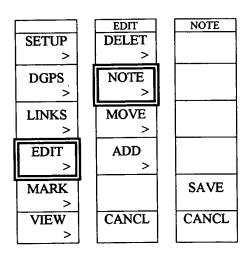


FIG. 9

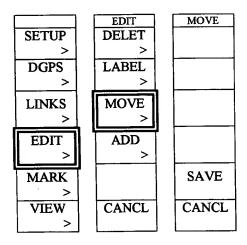


FIG. 10

Personal DGPS Golf Course Cartograph Navigator and Internet Web Site With Map Exchange and Tutor

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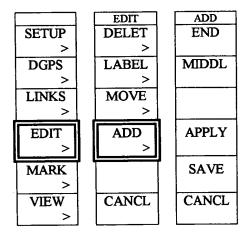


FIG. 11

	AREA	A or L	A/L/Pt	LINE	POINT
SETUP	TEE	BUNKR	TREE	PATH	PIN
>					
DGPS	FRWAY	ROUGH	BUSH	OB	C-o-G
>					
LINKS	GREEN	WATER	ROCK	DITCH	
>			. * * 2		
EDIT	HOLE	BLDG	MOUND		
>					
MARK					
>		İ			
VIEW	BACK		OTHER		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	BACK		OTHER		
		l	J	<u> </u>	L

FIG. 12

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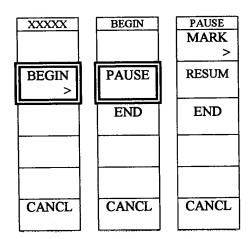


FIG. 13

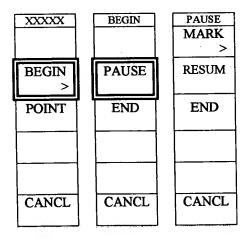


FIG. 14

Title Personal DGPS Golf Course Cartographer, Wigator d Internet Web Site With Map Exchange and Tutor

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21	TEE	FRWAY	GREEN	ноге	BUNKR	ROUGH	WATER	TREE	BUSH	ROCK	MOUND	OTHER	PATH	OB	рітсн	CoG	FoG	PIN
Area	X	X	X	X	X	X	X	X	X	X	X	X						
Line				å	X	X	X	X	X	X	X	X	X	X	X			
Point								X	X	X	X	X				X	X	X
Hole Association	X	Х	X	X	X	0	0	0	0	0	0	0	0	0	0	X	X	X
Association			<u> </u>	l	L		L	L			<u> </u>	<u> </u>	<u> </u>	Ь	L			

FIG. 15

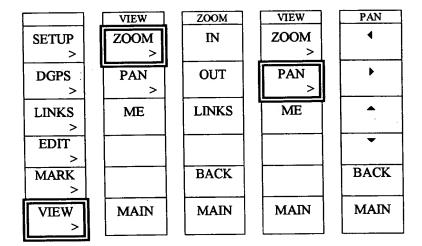


FIG. 16



Title: onal DGPS Golf Course Cartographer, Name ator and Internet Web Site With Map Exchange at Outor

Inventor(s):

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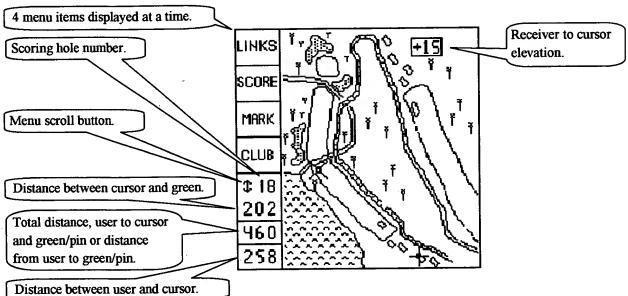


FIG. 17

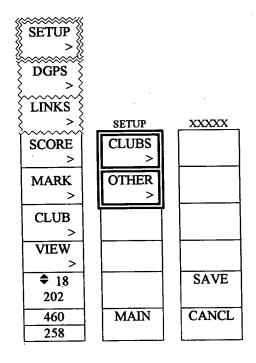


FIG. 18

Title:

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Exchange and Tutor

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Mark Green Strokes

Yes

O No

Green Reference Point

Daily Pin Placement

O Center of Green

O Front of Green

System Units

English US (Yards)

O Metric (Meters)

Cursor Ghost Lines

O On Off

Display Elevation Window

O Yes No Default Target Cursor Distance: 999

O feet meters

Antenna Height: 999

Concentric Rover Circles

● Off O On

O yards/meters feet

FIG. 19

\ <u>\</u>	SETUP		
3	DGPS		
} } }	LINKS	· · · · ·	
Š		, : г	LINKS
Î	SCORE		
1			
	MARK		
İ	>	Ì	
Ī	CLUB		
1	>		
	VIEW		
ļ	>		·
	\$ 18	1	SAVE
	202		
	460		CANCL
	258		

Pine Hills Country Club **♦** Rating: 69.9 Slope: 126 Number: 1 **♦** Par: 9 Handicap: 99 Color: Gold ♦ Advertised Yardage: 999

FIG. 20

Personal DGPS Golf Course Cartographer Navigator nd Internet Web Site With Map Exchang

Inventor(s):

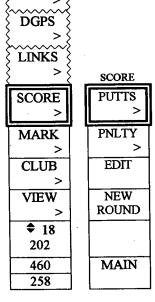
Kent Deon Barnard

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PUTTS
PUTTES
SAVE
CANCL

Hole Number: 7						
1	2	3				
4	5	6				
7	8	9				
	0					

FIG. 21

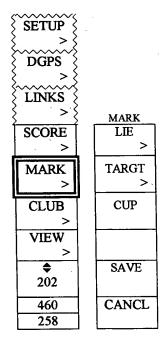


FIG. 22

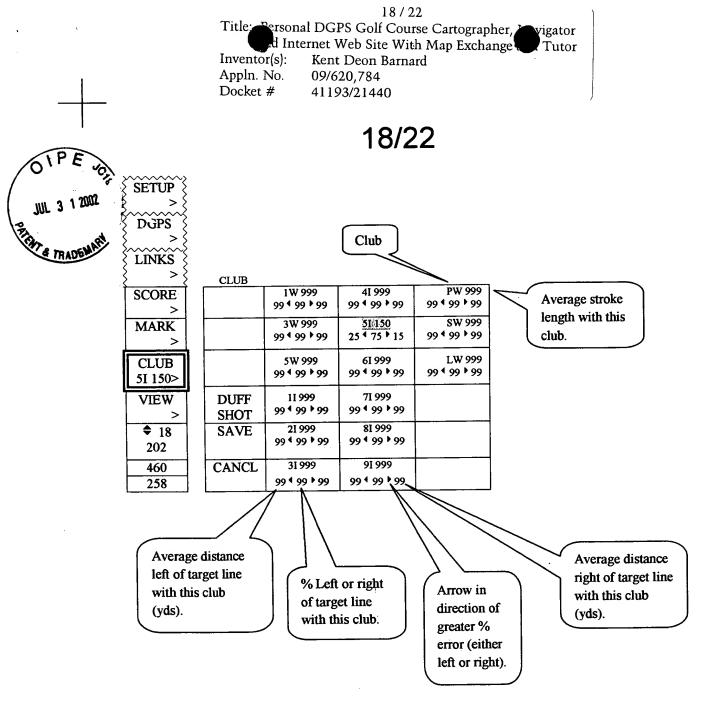


FIG. 23

sonal DGPS Golf Course Cartographer, Navigator Title: Internet Web Site With Map Exchange a

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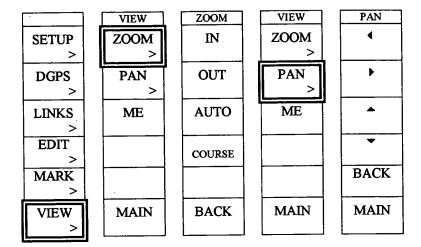


FIG. 24

Target Cursor	Point	X
Lie Marker	Point	+
Target Marker	Point	×
Pin	Point	1

FIG. 25

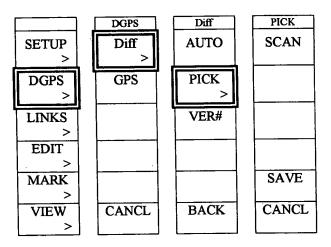


FIG. 26

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rsonal DGPS Golf Course Cartographer,
I Internet Web Site With Map Exchange
(s): Kent Deon Barnard

Inventor(s): Appln. No.

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PICK				
SCAN	Transmitter Location	Signal Strength/Signal to	Distance (miles)	
	St Louis MO		65/25	73
	Rock Island, IL		51/14	162
	Louisville, KY		43/12	105
SAVE	Memphis, TN		39/11	135
CANCL	Kansas City, MO	-	15/5	187

FIG. 27

MSG	Data	Format
GGA	UTC of Position	hhmmss.ss
GGA	Latitude, Direction	ddmm.mmmmmm, X
GGA	Longitude, Direction	dddmm.mmmmmm, X
GGA	Quality	9
	1. Autonomous Position (GPS	1.
İ	SPS mode)	
	RTCM differential corrected	
	position	
GGA	# of Satellites in use	99
GGA	HDOP	
GGA	Age of Differential	999
GGA	Diff. Station ID	9999
RMC	Status (Null, A, V)	X
RMC	Date	mmddyy

FIG. 28

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Inventor(s):

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Feature	Type	Symbol
Hole	Area	na
Tee Box	Area	Solid line
Green	Area	Solid line
Fairway	Area	Solid line
Rough	Агеа	na
Ditch	Line1	Solid line
Building	Area	Solid line
Bunker	Area	
Water	Area	^
Bush	Point	Υ
Tree	Point	¥
Rock	Point	na
Mound	Point	na
Cart Path	Line3	6' wide solid line
Out of Bounds	Line2	······
Flag or Pin	Point	1
Area too small to display	Area	٠
Current Location	Point	- -

FIG. 29

FIG. 30

21

62

19